

Product name:

RMAXX Render

Description:

RMAXX is a high-yielding, cement-free polymer dispersion based basecoat plaster for a wide range of substrates. Thanks to its elasticity, it is highly resistant to cracking.

- Graded aggregates to assist in regulating accurate minimum thickness
- Easy to apply
- Vapour permeable
- Weatherproof
- Solvent-free
- Waterbased
- Micro fibre reinforced for added crack resistance
- Sustainable - contains new recyclables

Typical Use:

RMAXX is a basecoat plaster for use on a variety of substrates including Aerated Concrete, Cement Sheeting and Masonry Substrates. This product can also be applied to prepared Graphex and EPS substrates once a mineral plaster such as Rockcote PM100 Quick render has been applied to level the surface.

RMAXX can also be used to make good existing synthetic, mineral or silicate plaster finishes.

Expectation:

RMAXX will cure to form a strong and durable crack resistant background which will accept Rockcote or Resene acrylic textures

Limitations:

Do not apply less than 1.5 - 2mm per coat. Must be used in conjunction with Rockcote or Resene Acrylic Texture coatings.

Technical Data:

Typical Data at 25°C and 50% Relative Humidity

Coverage:	3.0-4.0kg a m2 (approx 5-6m2 a bucket)
Substrates:	All substrates, existing paint/plaster
Abrasive strength:	Excellent
Adhesion:	Excellent
Vapour Permeability:	No vapour barrier formed
VOC:	N/A
Colour:	white
Packaging:	20kg pail/s

Clean up:	Water while product is wet
Use by:	12 months from date of manufacture
Storage:	Cool, dry place
Application Temperature:	+ 5 °C to + 30 °C
Usual No Coats:	2
Drying Time:	24 hours-1 week
Touch Dry:	4 hours
Dry to Recoat:	4 hours
Film Build:	Approximately 1.5mm dry film build per coat
Thinning:	Up to 2.5%
Mean Vapour flow rate:	70.1g/m ² d (ASTM E96/E96M-13 Water Method)
Mean Resistance:	1.73MNs/g (ASTM E96/E96M-13 Water Method)

Surface Preparation:

When using **RMAXX** make sure the substrate is clean, sound, dry and free from dust, dirt, grease, mould and lichen. If necessary, waterblast, sand or rasp the surface accordingly. For reworking old facades, substrates should be clean, dry, stable and free from loose particles. Always remove any film-forming release agents. Brush down thoroughly or water-blast (and leave to dry afterwards) previously rendered surfaces. Highly-absorbent substrates are to be primed with RCS RenderPrep primer. Check tensile bond strength of critical substrates.

Application:

RMAXX is ready for use after stirring. Apply **RMAXX** with a stainless steel trowel to a thickness of about 2-3 mm. Dilute with max. 1 % clean water, if necessary. The reinforcement mesh (5x5 mm mesh size) must be completely embedded in the **RMAXX** basecoat and fully covered by it. Do not apply when substrate or ambient temperatures are below + 5 °C or in excessive heat above + 30°C. For reworking old facades, it may be necessary to use a 2-layer build-up with reinforcement mesh. Allow the **RMAXX** to dry between layers. Once dry (see "Curing") or hardened, an Acrylic finishing render from the Resene Construction Systems suitable for **RMAXX** can be applied, e. g. Rockcote Classico.

Curing:

In normal conditions (+ 20°C / 65 % relative humidity) allow approx. 24-48 hours for drying subject to the application thickness. During the setting and drying process, water evaporates from the material which is why it is significantly influenced by the ambient temperatures. Lower temperatures and/or higher humidity may extend the drying time.

Application of Resene Umbrella additive to assist the improvement of dry times can be added to the **RMAXX** prior to application.

Clean up:

Wash equipment and spills as soon as possible with water. Do not mix with different materials. Stir thoroughly before use. Cover adjacent areas or protect against splashes. Thoroughly clean tools and equipment with water after use.

Storage

Protect from frost or freezing temperatures. Shelf life is at least 12 months when stored in original, unopened buckets.

Environmental and Safety

Ensure washing water does not enter waterways. Wet waste should be disposed of in empty bags/buckets, once dry dispose of in trade waste. The wet compound is Alkaline and prolonged skin contact should be avoided. Wear rubber gloves, dust masks and safety glasses when handling products.

Material Safety Data Sheets are available upon request or access directly from <https://reseneconstruction.co.nz/technical-library/safety-data-sheets/>